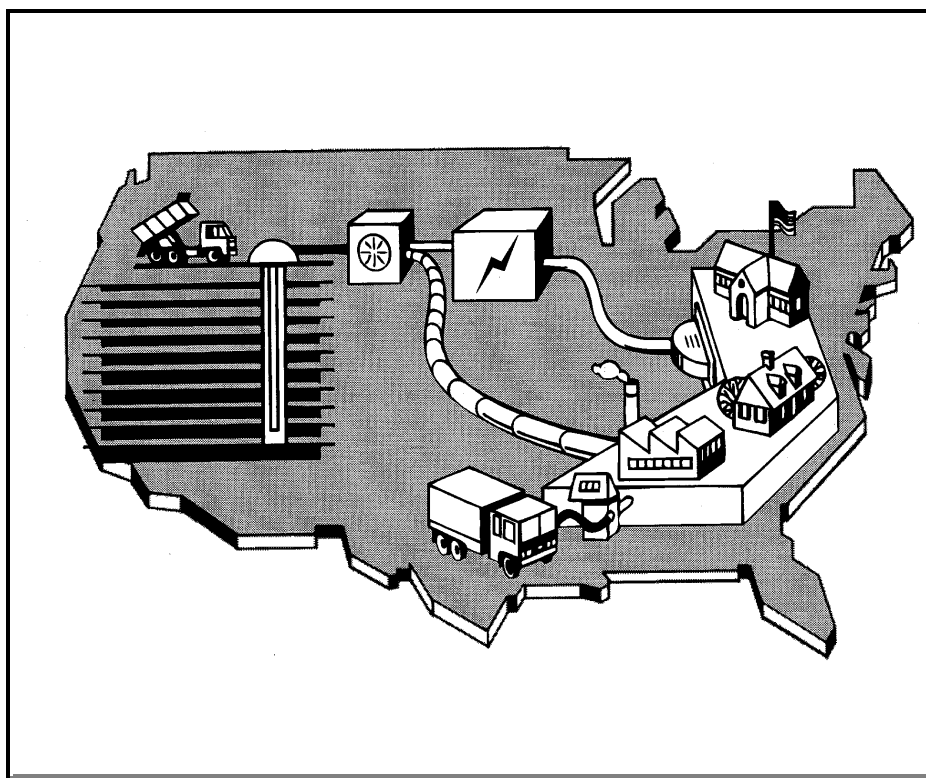




Landfill Gas-to-Energy Project Opportunities

Landfill Profiles for the State of Indiana



EPA Landfill Methane Outreach Program



The EPA Landfill Methane Outreach Program, a key component of the United State's *Climate Change Action Plan*, encourages the use of landfill gas (LFG) as an energy resource. EPA assists utilities, municipal and private landfill owners and operators, tribes, and state agencies in reducing methane emissions from landfills through the development of profitable landfill energy recovery projects. Methane captured from landfills can be transformed into a cost-effective fuel source for electricity, heat, boiler and vehicular fuel, or sale to a pipeline. EPA estimates there are approximately 200 landfill methane recovery projects in the U.S. and that up to 750 landfills could install economically viable landfill energy projects.

The Landfill Methane Outreach Program includes five important components: the State Ally, Energy Ally, Industry Ally, Community Partner, and Endorser programs. EPA establishes separate alliances with state agencies, energy providers (including investor-owned, municipal and other public power utilities and cooperatives), key trade and public sector associations, members of the landfill gas development industry (including developers, engineers, equipment vendors, and others) and local communities, municipalities and landfill owner/operators through a Memorandum of Understanding (MOU). By signing the MOU, each Ally/Partner acknowledges a shared commitment to the promotion of landfill gas-to-energy recovery at solid waste landfills, recognizes that the widespread use of landfill gas will reduce emissions of methane and other gases, and commits to undertake activities to enhance development of this resource. In return, EPA agrees to provide landfill gas-to-energy project assistance and public recognition of the Allies' and Partners' participation in the program.

Introduction

Since 1994 the U.S. EPA's Landfill Methane Outreach Program (LMOP) has participated in an ongoing effort to gather information on Municipal Solid Waste landfills (MSW). A key component of the LMOP is to provide MSW landfill owners and operators, project developers, utilities, and other potential project participants with information on MSW landfills that may offer attractive energy development opportunities. This document presents state specific landfill information, hereinafter referred to as the landfill profiles. These profiles are useful to evaluate the potential for developing landfill gas-to-energy projects (LFGTE). EPA assembled this information from state and local sources as well as various national solid waste publications, landfill owners and operators, and project developers.

The EPA has prepared a separate document to describe the methodology used to develop the state-specific landfill profiles and estimate the benefits of using LFGTE as an energy source. The document, *Landfill Gas-to-Energy Project Opportunities, Background Information on Landfill Profiles*, contains background information on gas collection and use, describes the data fields according to the five sections listed on the landfill profiles, and where applicable, illustrates calculations and default values used to derive estimates. EPA strongly recommends that users read the document prior to using the landfill profiles. Users can obtain the document by calling the LMOP hotline at 1-888-STAR-YES.

Data Sources

- EPA-ORD Landfill Gas Utilization-Survey (Thorneloe, 1997)
- Directory and Atlas of Solid Waste Disposal Facilities (SWA, 1994)
- Implementation Guide for Landfill Gas Recovery Projects in the Northeast (SCS, 1994)
- Landfill Gas-to-Energy 1994-1995 Activity Report (SWT, 1994)
- Methane Recovery from Landfill Yearbook (GAA, 1994)
- Project developers, landfill owners, and operators
- State and local records
- Survey of Landfill Gas Generation Potential (EPRI, 1992)
- U.S. Landfill Directory (SWANA, 1992)

Landfill Classification

To facilitate the use of available landfill information, EPA has categorized the landfills into five categories: Current Project,¹ Candidate Project, Shutdown, Other, and Unknown waste-in-place (WIP). These categories are based on the status of the landfill's LFGTE project(s) and WIP. The generation of methane is a function of many factors, the most critical being the amount of waste-in-place and the number of years the waste has been in the landfill. Peak methane generation occurs soon after closure; therefore, the longer the landfill has been closed, the less attractive it becomes for methane recovery. Based on the general timing of peak methane generation, EPA assumes that landfills that ceased accepting waste prior to 1993 have a low probability of generating enough methane to make a gas recovery project economical. Consequently, landfills need to be operating in 1993 to be considered as having a Candidate Project.

Landfill Categorizes

Current Project:

- Landfill with operational LFGTE project or landfill with LFGTE project under construction.

Candidate Project:

- Landfill with a potential or planned LFGTE utilization project; or
- Landfill is currently operating or closed after 1993; and has more than 1,000,000 tons of municipal solid waste-in-place.²

Shutdown:

- Landfill with shutdown LFGTE project.

Other:

- Landfill has less than 1,000,000 tons of municipal solid waste-in-place with no current or planned LFGTE project.

Unknown WIP:

- Landfill with insufficient data to determine the waste-in-place.

State Summary

State-specific landfill profile information is summarized in three exhibits. Exhibit 1 presents a summary of the state-specific potential for LFG utilization energy by landfill category. Exhibit 2 summarizes the emissions avoided by fossil fuel displacement for electricity generation and direct use projects. Exhibit 3 presents an index of the state-specific MSW landfills, referenced by category, landfill name and general characteristics.

¹ Current projects illustrate the wide range of successful project development options.

² By modeling the relationship between WIP and methane generation, a cut-off of 1,000,000 tons of WIP was established; landfills having at least 1,000,000 tons of WIP are considered candidate landfills.



Exhibit 1: Indiana MSW Landfill Summary

Category	No. of Landfills	Est. Capacity Potential		Est. CH4 Generation (mmscf/d)	Methane Reduction (tons/yr)		CO2 Equivalent of CH4 Reduction (tons/yr)	
		Electricity (MW)	Gas Capacity (mmBtu/hr)		Potential	Current	Potential	Current
Current	10	74	735	24	136,070	29,294	2,857,470	615,164
Candidate	26	102	1,017	33	188,164	0	3,951,452	0
Other	44	24	242	8	44,703	0	938,755	0
Unknown WIP	10							
Total	90	199	1,994	64	368,937	29,294	7,747,677	615,164

Exhibit 2: Potential Indiana Emissions Avoided by Fossil Fuel Displacement

Category	Electricity Generation Project						Direct Use Project					
	CO2 (tons/yr)			SO2 (tons/yr)			CO2 (tons/yr)			SO2 (tons/yr)		
	Coal	Oil	Natural Gas	Coal	Oil	Natural Gas	Coal	Oil	Natural Gas	Coal	Oil	Natural Gas
Current	580,118	476,134	320,159	3,667	3,065	0	409,756	336,310	226,139	3,729	1,960	2
Candidate	801,904	658,167	442,560	5,069	4,236	0	566,632	465,066	312,717	5,156	2,710	3
Other	187,848	154,177	103,671	1,188	992	0	134,616	110,486	74,293	1,225	644	1
Unknown WIP												
Total	1,569,870	1,288,478	866,391	9,923	8,293	0	1,111,004	911,861	613,149	10,109	5,314	6

Exhibit 3: Index of Landfills in Indiana

Category	Landfill Name	WIP			Landfill Operating in 1998	LFG Collected	LFG Utilization Project	Status of LFGTE Project
		<2.5 million tons	2.5 to 4 million tons	>4 million tons				
Current	BFI/Laubscher Meadows LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	County Line LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Construction
Current	Laidlaw South LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	LaPorte County RDF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	National Serv-All LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	Prairie View LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	Randolph Farms LF	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	South Side LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	Twin Bridges RDF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Current	Wheeler RDF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Operational
Candidate	Bartholomew County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Blackfoot LF	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	Caldwell LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	Center Point LF	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Chambers/Liberty LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Planned
Candidate	Clark-Floyd LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	Coal Bluff LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	Earthmovers LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Elkhart County - CR 7 LF	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	Gary Sanitary LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Planned
Candidate	Hancock County LF	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Hayes LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Jay County LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	New Paris Pike LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	North Wells LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Northside LF	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	Oak Ridge RDF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Planned
Candidate	Ransbottom LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Rumpke (Uniontown)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	Rumpke-Medora LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	Rumpke-Milan LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	Spencer County	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Candidate	Terre Haute	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	United Refuse LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	Wabash Valley LF	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Candidate	Worthington LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Potential
Other	Adams County North LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Adams County South	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Blackford County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown

Exhibit 3: Index of Landfills in Indiana

Category	Landfill Name	WIP			Landfill Operating in 1998	LFG Collected	LFG Utilization Project	Status of LFGTE Project
		<2.5 million tons	2.5 to 4 million tons	>4 million tons				
Other	Brown County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Camp Atterbury LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Crane NWSC LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Daviess County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Decatur County	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Decatur Hills LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Dekalb County	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Edwards LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Fountain County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Ft. Benjamin Harrison	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Gibson County LF No. 2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Greendale LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Greentown	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Griffith LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Huntington City LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	IAAP - Charlestown	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Jasper LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Jennings County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Kanizer LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	LaGrange County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Lawrence County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Mason-Hayes LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	McCarty LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Montgomery LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Munster LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Newport AAP	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Noble County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Owen County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Pike County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	South Wells LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Speedway LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Spencer County Sanitary LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Spring Valley LF	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Sullivan County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	T.H. LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Tipton County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Vermillion County	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Warren County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	Warrick County LF #2	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown

Exhibit 3: Index of Landfills in Indiana

Category	Landfill Name	WIP			Landfill Operating in 1998	LFG Collected	LFG Utilization Project	Status of LFGTE Project
		<2.5 million tons	2.5 to 4 million tons	>4 million tons				
Other	Washington County LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Other	West Clinton LF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Alcoa Plant LF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Big "T" Disposal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Unknown WIP	Inland Container	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Madison County LF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Monroe County LF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	NENSWC Landfill	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	North Vigo LF	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Rumpke (Aurora)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Rumpke (Batesville)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown
Unknown WIP	Whitley County	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Unknown

BFI/Laubscher Meadows LF		Landfill Category:	Current
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	BFI	Annual Acceptance Rate (tons):	290,712
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1996
Alternative Landfill Name:		Design Capacity (tons):	
City:	Evansville	Acres Currently Landfilled (acres):	
County:	Vanderburgh	Average Depth (feet):	
State:	IN	Waste-in-Place (tons):	5,232,816
Year Open:	1979	1998 Waste-in-Place (tons):	6,038,640
Year Closed:	2017		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):	1.96		
LFG Collection System Status:	Planned		
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:	No		
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Operational		
Utilization System Type:	Reciprocating Engine		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	6		61
Current Capacity:			
Planned Capacity:			
Utilities in County:	Southern Indiana Gas & Elec Co		
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	11,347		0
CO2 Equivalent of CH4 Reduction (tons/yr):	238,277		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	48,146	304	34,169 311
Fuel Oil:	39,516	254	28,044 163
Natural Gas:	26,571	0	18,857 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	Jeff Jenkins	Jeff Jenkins	
Mailing Address:	2020 Laubscher Road	2020 Laubscher Road	
Phone Number:	812-963-3295	812-963-3295	
Fax Number:			

* *Italicized indicates values estimated by EPA.*



Bartholomew County LF			Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION				
Landfill Owner:	Bartholomew County	Annual Acceptance Rate (tons):	77,610	
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1996	
Alternative Landfill Name:		Design Capacity (tons):		
City:	Columbus	Acres Currently Landfilled (acres):		
County:	Bartholomew	Average Depth (feet):		
State:	IN	Waste-in-Place (tons):	1,785,030	
Year Open:	1974	1998 Waste-in-Place (tons):	1,674,794	
Year Closed:	1995			
B. LANDFILL GAS COLLECTION				
Estimated Methane Generation (mmscf/d):		0.85		
LFG Collection System Status:				
Current LFG Collected (mmscf/d):				
Collection and Treatment System Required Under NSPS/EG:		No		
C. LANDFILL GAS UTILIZATION				
Current Utilization:				
Utilization System Status:	Unknown			
Utilization System Type:	Unknown			
Utilization System Start Year:				
Electric Utility Provider(s):				
Natural Gas Provider(s):				
Energy Purchaser(s):				
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)	
Estimated Potential Capacity:	3		26	
Current Capacity:				
Planned Capacity:				
Utilities in County: Bartholomew County Rural E M C; Decatur County Rural E M C; Jackson County Rural E M C; PSI				
D. ENVIRONMENTAL BENEFITS OF UTILIZATION				
	<i>Potential</i>		<i>Current</i>	
Methane Reduction (tons/yr):	4,893		0	
CO2 Equivalent of CH4 Reduction (tons/yr):	102,759		0	
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	20,521	130	14,736	134
Fuel Oil:	16,843	108	12,094	71
Natural Gas:	11,325	0	8,132	0
E. CONTACT INFORMATION				
Landfill Owner		Landfill Operator		
Contact Name:	James Murray	Gregory Littleton		
Mailing Address:	720 S. Mapleton Street	1950 Tellman Rd		
Phone Number:		812-372-1225		
Fax Number:				

* *Italicized indicates values estimated by EPA.*

December 5, 1998

State: IN

Page:

2



Blackfoot LF		Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	American Disposal Services, Incorporated	Annual Acceptance Rate (tons):	113,477
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1996
Alternative Landfill Name:	Rose Disposal Services LF	Design Capacity (tons):	
City:		Acres Currently Landfilled (acres):	
County:	Pike	Average Depth (feet):	
State:	IN	Waste-in-Place (tons):	1,021,293
Year Open:	1988	1998 Waste-in-Place (tons):	2,847,922
Year Closed:	2030		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		1.15	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Potential		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	4		36
Current Capacity:			
Planned Capacity:			
Utilities in County: Knox County Rural E M C; PSI Energy Inc; Southern Indiana Gas & Elec Co			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	6,628		0
CO2 Equivalent of CH4 Reduction (tons/yr):	139,190		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	28,414	180	19,960 182
Fuel Oil:	23,321	150	16,382 96
Natural Gas:	15,681	0	11,016 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	Reggie Schitter	Reggie Schitter	
Mailing Address:	3726 East State Road 64	3726 East State Road 64	
Phone Number:	812-789-2647	812-789-2647	
Fax Number:			

Caldwell LF		Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	Caldwell	Annual Acceptance Rate (tons):	110,804
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1996
Alternative Landfill Name:		Design Capacity (tons):	
City:		Acres Currently Landfilled (acres):	
County:	Shelby	Average Depth (feet):	
State:	IN	Waste-in-Place (tons):	2,437,688
Year Open:	1975	1998 Waste-in-Place (tons):	1,891,888
Year Closed:	1997		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		0.90	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Potential		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	3		28
Current Capacity:			
Planned Capacity:			
Utilities in County: Johnson County Rural E M C; PSI Energy Inc; Shelby County Rural E M C			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	5,214		0
CO2 Equivalent of CH4 Reduction (tons/yr):	109,500		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	22,100	140	15,702 143
Fuel Oil:	18,139	117	12,888 75
Natural Gas:	12,197	0	8,666 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	Dana Caldwell	Dana Caldwell	
Mailing Address:		PO Box 212	
Phone Number:		317-763-6258	
Fax Number:			

Center Point LF		Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	Mid-American Waste Systems	Annual Acceptance Rate (tons):	79,404
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:		Design Capacity (tons):	
City:	Center Point	Acres Currently Landfilled (acres):	
County:	Clay	Average Depth (feet):	
State:	IN	Waste-in-Place (tons):	2,529,693
Year Open:	1975	1998 Waste-in-Place (tons):	2,529,694
Year Closed:	1994		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		1.07	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Unknown		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	3		33
Current Capacity:			
Planned Capacity:			
Utilities in County: Morgan County Rural E M C; Parke County Rural E M C; PSI Energy Inc; South Central Indiana REM			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	6,158		0
CO2 Equivalent of CH4 Reduction (tons/yr):	129,308		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	26,046	165	18,543 169
Fuel Oil:	21,378	138	15,219 89
Natural Gas:	14,375	0	10,233 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:		1006 Walnut Street	
Mailing Address:		P.O. Box 156	
Phone Number:			
Fax Number:			

Chambers/Liberty LF		Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	USA Waste Services, Inc.	Annual Acceptance Rate (tons):	247,637
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1996
Alternative Landfill Name:	Liberty LF	Design Capacity (tons):	
City:	Monticello	Acres Currently Landfilled (acres):	
County:	White	Average Depth (feet):	
State:	IN	Waste-in-Place (tons):	3,714,555
Year Open:	1982	1998 Waste-in-Place (tons):	10,291,953
Year Closed:	2015		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		3.05	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Planned		
Utilization System Type:	Leachate Evaporation		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	10		95
Current Capacity:			
Planned Capacity:			
Utilities in County: Brookston Muni Utilities; Carroll County Rural E M C; Chalmers Muni Electric Dept; Jasper County			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	17,636		0
CO2 Equivalent of CH4 Reduction (tons/yr):	370,362		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	74,981	474	53,109 483
Fuel Oil:	61,541	396	43,590 254
Natural Gas:	41,381	0	29,310 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	Tim Haaf	Tim Haaf	
Mailing Address:	8635 East State route 16	8635 East State route 16	
Phone Number:	219-278-7139	219-278-7139	
Fax Number:			

Clark-Floyd LF		Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	Clark-Floyd	Annual Acceptance Rate (tons):	168,081
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1996
Alternative Landfill Name:		Design Capacity (tons):	
City:	Clarksville	Acres Currently Landfilled (acres):	
County:	Clark	Average Depth (feet):	
State:	IN	Waste-in-Place (tons):	4,033,944
Year Open:	1973	1998 Waste-in-Place (tons):	4,180,774
Year Closed:	2001		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		1.49	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Potential		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	5		47
Current Capacity:			
Planned Capacity:			
Utilities in County: Clark County Rural E M C; Harrison County Rural E M C; Jackson County Rural E M C; PSI Energy			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	8,599		0
CO2 Equivalent of CH4 Reduction (tons/yr):	180,581		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	36,307	230	25,895 236
Fuel Oil:	29,799	192	21,254 124
Natural Gas:	20,037	0	14,291 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	Paul Garrett	Phil Cato	
Mailing Address:		PO Box 2128	
Phone Number:		812-945-5976	
Fax Number:			

Coal Bluff LF		Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	Laidlaw Waste Systems	Annual Acceptance Rate (tons):	143,000
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	
Alternative Landfill Name:		Design Capacity (tons):	
City:	Terre Haute	Acres Currently Landfilled (acres):	
County:	Vigo	Average Depth (feet):	
State:	IN	Waste-in-Place (tons):	2,145,000
Year Open:	1975	1998 Waste-in-Place (tons):	2,145,000
Year Closed:	1989		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		0.97	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Potential		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	3		30
Current Capacity:			
Planned Capacity:			
Utilities in County: Parke County Rural E M C; PSI Energy Inc; Sullivan County Rural E M C; Utilities Dist of Western			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	5,589		0
CO2 Equivalent of CH4 Reduction (tons/yr):	117,361		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	23,678	150	16,829 153
Fuel Oil:	19,434	125	13,813 81
Natural Gas:	13,068	0	9,288 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:		Terry Niece	
Mailing Address:		Coal Bluff Road	
Phone Number:		312-439-6686	
Fax Number:			

County Line LF		Landfill Category:	Current
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	Allied Waste Industries	Annual Acceptance Rate (tons):	70,191
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:		Design Capacity (tons):	
City:	Argos	Acres Currently Landfilled (acres):	
County:	Fulton	Average Depth (feet):	
State:	IN	Waste-in-Place (tons):	982,674
Year Open:	1983	1998 Waste-in-Place (tons):	1,123,056
Year Closed:	2054		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		0.71	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Construction		
Utilization System Type:	Reciprocating Engine		
Utilization System Start Year:	1999		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	2		22
Current Capacity:			
Planned Capacity:			
Utilities in County: Fulton County Rural E M C; Kosciusko County Rural E M C; Marshall County Rural E M C; Norther			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	4,077		0
CO2 Equivalent of CH4 Reduction (tons/yr):	85,625		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	17,364	110	12,279 112
Fuel Oil:	14,252	92	10,078 59
Natural Gas:	9,583	0	6,776 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	Gene Horn	Tony Schroeder	
Mailing Address:			
Phone Number:		219-892-6483	
Fax Number:			

* *Italicized indicates values estimated by EPA.*

December 5, 1998

State: IN

Page:

9



A. GENERAL LANDFILL INFORMATION

Landfill Owner:	USA Waste Services, Inc.	Annual Acceptance Rate (tons):	194,838
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1996
Alternative Landfill Name:		Design Capacity (tons):	
City:	Elkhart	Acres Currently Landfilled (acres):	
County:	Elkhart	Average Depth (feet):	
State:	IN	Waste-in-Place (tons):	4,091,598
Year Open:	1976	1998 Waste-in-Place (tons):	4,932,488
Year Closed:	2007		

B. LANDFILL GAS COLLECTION

Estimated Methane Generation (mmscf/d):	1.68
LFG Collection System Status:	
Current LFG Collected (mmscf/d):	
Collection and Treatment System Required Under NSPS/EG:	No

C. LANDFILL GAS UTILIZATION

Current Utilization:			
Utilization System Status:	Unknown		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	5		
Current Capacity:			
Planned Capacity:			

Utilities in County: Fruit Belt Electric Coop; Indiana Michigan Power Co; La Grange County Rural E M C; Marshall Cou

D. ENVIRONMENTAL BENEFITS OF UTILIZATION

	Potential	Current
Methane Reduction (tons/yr):	9,711	0
CO2 Equivalent of CH4 Reduction (tons/yr):	203,927	0
Emissions Avoided by Fossil Fuel Displacement:	Electricity Generation Project	Direct Use Project
	CO2 (tons/yr) SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	41,042 259	29,243 266
Fuel Oil:	33,686 217	24,001 140
Natural Gas:	22,651 0	16,139 0

E. CONTACT INFORMATION

	Landfill Owner	Landfill Operator
Contact Name:	Thomas Quinn, P.E.	Richard Barr
Mailing Address:	31725 N. Route 83	PO Box 966
Phone Number:	847-223-2722	219-875-5232
Fax Number:		

* *Italicized indicates values estimated by EPA.*

December 5, 1998

State: IN

Page:

10



A. GENERAL LANDFILL INFORMATION

Landfill Owner:	Elkhart County	Annual Acceptance Rate (tons):	138,152
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1996
Alternative Landfill Name:		Design Capacity (tons):	
City:	Goshen	Acres Currently Landfilled (acres):	
County:	Elkhart	Average Depth (feet):	
State:	IN	Waste-in-Place (tons):	2,624,888
Year Open:	1978	1998 Waste-in-Place (tons):	2,794,512
Year Closed:	2014		

B. LANDFILL GAS COLLECTION

Estimated Methane Generation (mmscf/d):	1.13
LFG Collection System Status:	
Current LFG Collected (mmscf/d):	
Collection and Treatment System Required Under NSPS/EG:	No

C. LANDFILL GAS UTILIZATION

Current Utilization:			
Utilization System Status:		Potential	
Utilization System Type:		Unknown	
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	4		35
Current Capacity:			
Planned Capacity:			

Utilities in County: Fruit Belt Electric Coop; Indiana Michigan Power Co; La Grange County Rural E M C; Marshall Cou

D. ENVIRONMENTAL BENEFITS OF UTILIZATION

	Potential	Current
Methane Reduction (tons/yr):	6,549	0
CO2 Equivalent of CH4 Reduction (tons/yr):	137,531	0
Emissions Avoided by Fossil Fuel Displacement:	Electricity Generation Project	Direct Use Project
	CO2 (tons/yr) SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	27,625 175	19,722 180
Fuel Oil:	22,673 146	16,187 94
Natural Gas:	15,246 0	10,884 0

E. CONTACT INFORMATION

	Landfill Owner	Landfill Operator
Contact Name:	Thomas Byers	Thomas Byers
Mailing Address:	4230 Elkhart Rd	4230 Elkhart Rd
Phone Number:	219-875-3337	219-875-3337
Fax Number:		

* *Italicized indicates values estimated by EPA.*

December 5, 1998

State: IN

Page:

11



Gary Sanitary LF		Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	Continental Waste	Annual Acceptance Rate (tons):	674,113
Landfill Owner Type:		Year Annual Acceptance Rate Reported:	1996
Alternative Landfill Name:		Design Capacity (tons):	
City:		Acres Currently Landfilled (acres):	
County:	Lake	Average Depth (feet):	
State:	IN	Waste-in-Place (tons):	17,526,938
Year Open:	1971	1998 Waste-in-Place (tons):	5,954,844
Year Closed:			
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		1.94	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Planned		
Utilization System Type:	Reciprocating Engine		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):	Nipsco		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	6		61
Current Capacity:			
Planned Capacity:			
Utilities in County: Kankakee Valley Rural E M C; Northern Indiana Pub Serv Co			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	11,223		0
CO2 Equivalent of CH4 Reduction (tons/yr):	235,675		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	48,146	304	33,795 308
Fuel Oil:	39,516	254	27,738 162
Natural Gas:	26,571	0	18,651 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:		Jerry Marks	
Mailing Address:		1900 Burr Street	
Phone Number:		219-944-1077	
Fax Number:			

Hancock County LF		Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	Caldwells Gravel Company	Annual Acceptance Rate (tons):	42,579
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1996
Alternative Landfill Name:		Design Capacity (tons):	
City:		Acres Currently Landfilled (acres):	
County:	Hancock	Average Depth (feet):	
State:	IN	Waste-in-Place (tons):	1,107,054
Year Open:	1971	1998 Waste-in-Place (tons):	2,623,320
Year Closed:	2005		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		1.09	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Unknown		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	3		34
Current Capacity:			
Planned Capacity:			
Utilities in County: Central Indiana Power; Greenfield Power & Light; Henry County Rural E M C; PSI Energy Inc; Rush			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	6,296		0
CO2 Equivalent of CH4 Reduction (tons/yr):	132,216		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	26,835	170	18,960 173
Fuel Oil:	22,025	142	15,561 91
Natural Gas:	14,810	0	10,464 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	Dana Caldwell	Dana Caldwell	
Mailing Address:	PO Box 212	PO Box 212	
Phone Number:	317-763-6258	317-763-6258	
Fax Number:			

* Italicized indicates values estimated by EPA.



Hayes LF		Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:		Annual Acceptance Rate (tons):	81,888
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1996
Alternative Landfill Name:		Design Capacity (tons):	
City:		Acres Currently Landfilled (acres):	
County:	Henry	Average Depth (feet):	
State:	IN	Waste-in-Place (tons):	1,801,536
Year Open:	1975	1998 Waste-in-Place (tons):	1,943,016
Year Closed:	2001		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		0.91	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Unknown		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	3		29
Current Capacity:			
Planned Capacity:			
Utilities in County: Dunreith Electric Dept; Henry County Rural E M C; Knightstown Electric Utility; Lewisville Muni L			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	5,290		0
CO2 Equivalent of CH4 Reduction (tons/yr):	111,088		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	22,889	145	15,930 145
Fuel Oil:	18,786	121	13,075 76
Natural Gas:	12,632	0	8,792 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	Beverly Hayes	Randy Hayes	
Mailing Address:			
Phone Number:		317-529-2337	
Fax Number:			

* Italicized indicates values estimated by EPA.



Jay County LF		Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	USA Waste Services, Inc.	Annual Acceptance Rate (tons):	80,487
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1996
Alternative Landfill Name:		Design Capacity (tons):	
City:	Portland	Acres Currently Landfilled (acres):	
County:	Jay	Average Depth (feet):	
State:	IN	Waste-in-Place (tons):	1,770,714
Year Open:	1975	1998 Waste-in-Place (tons):	6,164,520
Year Closed:	2004		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		1.99	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Potential		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	6		62
Current Capacity:			
Planned Capacity:			
Utilities in County: Indiana Michigan Power Co; Jay County Rural E M C			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	11,533		0
CO2 Equivalent of CH4 Reduction (tons/yr):	242,187		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	48,935	309	34,729 316
Fuel Oil:	40,164	259	28,504 166
Natural Gas:	27,007	0	19,167 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	Tim Giardina	Tim Giardina	
Mailing Address:	2323 East 850 North PO Box 403	2323 East 850 North PO Box 403	
Phone Number:	219-638-4145	219-638-4145	
Fax Number:			

* *Italicized indicates values estimated by EPA.*

December 5, 1998

State: IN

Page:

15



LaPorte County RDF		Landfill Category:	Current
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	WMI	Annual Acceptance Rate (tons):	566,470
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1996
Alternative Landfill Name:	Deercroft LF	Design Capacity (tons):	
City:		Acres Currently Landfilled (acres):	
County:	La Porte	Average Depth (feet):	
State:	IN	Waste-in-Place (tons):	10,196,460
Year Open:	1979	1998 Waste-in-Place (tons):	12,254,994
Year Closed:	1996		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		3.55	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Operational		
Utilization System Type:	Reciprocating Engine		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	11		111
Current Capacity:			
Planned Capacity:			
Utilities in County: Kankakee Valley Rural E M C; Kingsford Heights Munic Utils; Northern Indiana Pub Serv Co			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	20,539		0
CO2 Equivalent of CH4 Reduction (tons/yr):	431,323		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	87,610	554	61,851 563
Fuel Oil:	71,906	463	50,765 296
Natural Gas:	48,351	0	34,135 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	Denny Johnson	Denny Johnson	
Mailing Address:		PO Box 8988	
Phone Number:		219-879-4653	
Fax Number:			

* *Italicized indicates values estimated by EPA.*



Laidlaw South LF		Landfill Category: Current	
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	BFI	Annual Acceptance Rate (tons):	268,363
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1996
Alternative Landfill Name:	Southside LF; Yaw Hill	Design Capacity (tons):	
City:	Indianapolis	Acres Currently Landfilled (acres):	
County:	Marion	Average Depth (feet):	
State:	IN	Waste-in-Place (tons):	5,903,986
Year Open:	1975	1998 Waste-in-Place (tons):	6,378,072
Year Closed:	2006		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		2.05	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Operational		
Utilization System Type:	Reciprocating Engine		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	6		64
Current Capacity:			
Planned Capacity:			
Utilities in County: Parke County Rural E M C; PSI Energy Inc; Sullivan County Rural E M C; Utilities Dist of Western			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	11,849		0
CO2 Equivalent of CH4 Reduction (tons/yr):	248,819		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	50,514	319	35,680 325
Fuel Oil:	41,459	267	29,285 171
Natural Gas:	27,878	0	19,691 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	John Balkema	Scott Fitzgerald	
Mailing Address:	2314 Miller Road	2561 Kentucky Ave	
Phone Number:	616-388-3346	317-247-6808	
Fax Number:			

* Italicized indicates values estimated by EPA.



National Serv-All LF		Landfill Category:	Current
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	Republic Industries, Inc.	Annual Acceptance Rate (tons):	337,593
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1996
Alternative Landfill Name:	McBeth Road	Design Capacity (tons):	
City:	Fort Wayne	Acres Currently Landfilled (acres):	
County:	Allen	Average Depth (feet):	
State:	IN	Waste-in-Place (tons):	9,115,011
Year Open:	1970	1998 Waste-in-Place (tons):	13,130,475
Year Closed:	2012		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):	3.78		
LFG Collection System Status:			
Current LFG Collected (mmscf/d):	5.4		
Collection and Treatment System Required Under NSPS/EG:	No		
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Operational		
Utilization System Type:	Direct Thermal		
Utilization System Start Year:			
Electric Utility Provider(s):	Unknown		
Natural Gas Provider(s):	Unknown		
Energy Purchaser(s):	1. Brooks Asphalt (actual user)		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	12		118
Current Capacity:			113
Planned Capacity:			
Utilities in County:	Indiana Michigan Power Co; Noble County Rural E M C; Northeastern Rural E M C; Paulding-Putna		
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	21,834		20,814
CO2 Equivalent of CH4 Reduction (tons/yr):	458,512		437,090
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	93,135	589	65,750 598
Fuel Oil:	76,441	492	53,964 315
Natural Gas:	51,400	0	36,286 0
E. CONTACT INFORMATION			
	Landfill Owner	Landfill Operator	
Contact Name:	Greg Wallbridge	Chuck Wallbridge	
Mailing Address:	6231 MacBeth Road	6231 McBeth Rd	
Phone Number:	219-747-4117	219-747-4117	
Fax Number:			

* *Italicized indicates values estimated by EPA.*



New Paris Pike LF		Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	Richmond City	Annual Acceptance Rate (tons):	86,546
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1996
Alternative Landfill Name:	New Paris (Richmond); Richmond LF	Design Capacity (tons):	
City:	Richmond	Acres Currently Landfilled (acres):	90
County:	Wayne	Average Depth (feet):	80
State:	IN	Waste-in-Place (tons):	1,817,466
Year Open:	1976	1998 Waste-in-Place (tons):	1,909,621
Year Closed:	2021		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		0.91	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Potential		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):	Richmond Power and Light		
Natural Gas Provider(s):	Richmond Power and Light		
Energy Purchaser(s):	Neighbors and Richmond Power & Light, Bl		
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	3		28
Current Capacity:			
Planned Capacity:			
Utilities in County: Centerville Munic Light & Power Dept; Dublin Muni Elec Light System; Hagerstown Mun Light Dep			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	5,241		0
CO2 Equivalent of CH4 Reduction (tons/yr):	110,053		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	22,100	140	15,781 144
Fuel Oil:	18,139	117	12,953 76
Natural Gas:	12,197	0	8,710 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	Joe Bartle, Compliance Manager	Joe Bartle	
Mailing Address:	2380 Liberty Avenue	2380 Liberty Avenue	
Phone Number:	765-983-7457	765-983-7457	
Fax Number:			

* Italicized indicates values estimated by EPA.



North Wells LF		Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	North Wells	Annual Acceptance Rate (tons):	98,193
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:		Design Capacity (tons):	
City:		Acres Currently Landfilled (acres):	
County:	Wells	Average Depth (feet):	
State:	IN	Waste-in-Place (tons):	1,331,427
Year Open:	1975	1998 Waste-in-Place (tons):	1,331,426
Year Closed:	1994		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		0.76	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Unknown		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	2		24
Current Capacity:			
Planned Capacity:			
Utilities in County: Bluffton Munic Light & Water Works; Indiana Michigan Power Co; Jay County Rural E M C; United			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	4,386		0
CO2 Equivalent of CH4 Reduction (tons/yr):	92,096		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	18,943	120	13,206 120
Fuel Oil:	15,547	100	10,839 63
Natural Gas:	10,454	0	7,289 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:		Bob Walls	
Mailing Address:		P.O. Box 1264	
Phone Number:			
Fax Number:			

Northside LF		Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:		Annual Acceptance Rate (tons):	218,372
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1991
Alternative Landfill Name:		Design Capacity (tons):	
City:		Acres Currently Landfilled (acres):	
County:	Boone	Average Depth (feet):	
State:	IN	Waste-in-Place (tons):	3,712,324
Year Open:	1975	1998 Waste-in-Place (tons):	3,712,324
Year Closed:	1991		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		1.37	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Potential		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	4		43
Current Capacity:			
Planned Capacity:			
Utilities in County: Advance Mun Light & Power Utility; Boone County Rural E M C; Jamestown Municipal Light Dept;			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	7,906		0
CO2 Equivalent of CH4 Reduction (tons/yr):	166,034		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	33,939	215	23,809 217
Fuel Oil:	27,856	179	19,541 114
Natural Gas:	18,730	0	13,140 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:		John Bankert	
Mailing Address:		985 South U.S. 421	
Phone Number:			
Fax Number:			

* Italicized indicates values estimated by EPA.

A. GENERAL LANDFILL INFORMATION

Landfill Owner:	Indiana Waste Systems	Annual Acceptance Rate (tons):	352,305
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1996
Alternative Landfill Name:	Byers RDF	Design Capacity (tons):	
City:	Logansport	Acres Currently Landfilled (acres):	
County:	Cass	Average Depth (feet):	
State:	IN	Waste-in-Place (tons):	3,875,355
Year Open:	1986	1998 Waste-in-Place (tons):	5,068,284
Year Closed:	2012		

B. LANDFILL GAS COLLECTION

Estimated Methane Generation (mmscf/d):	1.71
LFG Collection System Status:	
Current LFG Collected (mmscf/d):	
Collection and Treatment System Required Under NSPS/EG:	No

C. LANDFILL GAS UTILIZATION

Current Utilization:			
Utilization System Status:	Planned		
Utilization System Type:	Direct Thermal		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	5		54
Current Capacity:			
Planned Capacity:			

Utilities in County: Carroll County Rural E M C; Fulton County Rural E M C; Logansport Muni Util; Miami Cass Count

D. ENVIRONMENTAL BENEFITS OF UTILIZATION

	Potential	Current
Methane Reduction (tons/yr):	9,912	0
CO2 Equivalent of CH4 Reduction (tons/yr):	208,144	0
Emissions Avoided by Fossil Fuel Displacement:	Electricity Generation Project	Direct Use Project
	CO2 (tons/yr) SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	42,621 269	29,847 272
Fuel Oil:	34,981 225	24,497 143
Natural Gas:	23,522 0	16,472 0

E. CONTACT INFORMATION

	Landfill Owner	Landfill Operator
Contact Name:	Nelson. Becker	Nelson Becker
Mailing Address:	208 Fourth Street	208 Fourth Street
Phone Number:	219-722-3730	219-722-3730
Fax Number:		

* *Italicized indicates values estimated by EPA.*

December 5, 1998

State: IN

Page:

22



Prairie View LF		Landfill Category:	Current
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	Annual Acceptance Rate (tons):		435,249
Landfill Owner Type:	Year Annual Acceptance Rate Reported:		1993
Alternative Landfill Name:	Prairie View Recycling and Disposal Facilit	Design Capacity (tons):	
City:	Prairie View	Acres Currently Landfilled (acres):	109
County:	St Joseph	Average Depth (feet):	75
State:	IN	1994 Waste-in-Place (tons):	5,425,098
Year Open:	1981	1998 Waste-in-Place (tons):	7,166,094
Year Closed:	1998		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):	2.25		
LFG Collection System Status:	Operational		
Current LFG Collected (mmscf/d):	0.9		
Collection and Treatment System Required Under NSPS/EG:	No		
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Operational		
Utilization System Type:	Reciprocating Engine		
Utilization System Start Year:	1994		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	7		70
Current Capacity:	3.2		19
Planned Capacity:			
Utilities in County:	Fruit Belt Electric Coop; Indiana Michigan Power Co; Kankakee Valley Rural E M C; Marshall Coun		
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	13,014		3,469
CO2 Equivalent of CH4 Reduction (tons/yr):	273,290		72,849
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	55,249	349	39,189 357
Fuel Oil:	45,346	292	32,165 187
Natural Gas:	30,491	0	21,628 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:		Charles Hartsell	
Mailing Address:			
Phone Number:		219-546-4475	
Fax Number:			

* *Italicized indicates values estimated by EPA.*



Randolph Farms LF		Landfill Category:	Current
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	Randolph Farms, Inc	Annual Acceptance Rate (tons):	157,015
Landfill Owner Type:		Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:		Design Capacity (tons):	
City:	Modoc	Acres Currently Landfilled (acres):	
County:	Randolph	Average Depth (feet):	
State:	IN	Waste-in-Place (tons):	3,454,330
Year Open:	1975	1998 Waste-in-Place (tons):	3,768,360
Year Closed:	2013		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		1.38	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Operational		
Utilization System Type:	Special -Greenhouse		
Utilization System Start Year:	1997		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	4		43
Current Capacity:			
Planned Capacity:			
Utilities in County: Henry County Rural E M C; Indiana Michigan Power Co; Jay County Rural E M C; Wayne County R			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	7,989		0
CO2 Equivalent of CH4 Reduction (tons/yr):	167,775		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	33,939	215	24,059 219
Fuel Oil:	27,856	179	19,746 115
Natural Gas:	18,730	0	13,278 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:		Gary Fine	
Mailing Address:			
Phone Number:		317-853-5714	
Fax Number:			

* *Italicized indicates values estimated by EPA.*



Ransbottom LF		Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	Ransbottom	Annual Acceptance Rate (tons):	42,530
Landfill Owner Type:		Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:		Design Capacity (tons):	
City:	Claypool	Acres Currently Landfilled (acres):	
County:	Kosciusko	Average Depth (feet):	
State:	IN	Waste-in-Place (tons):	978,190
Year Open:	1974	1998 Waste-in-Place (tons):	1,063,250
Year Closed:	2019		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		0.69	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Unknown		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	2		22
Current Capacity:			
Planned Capacity:			
Utilities in County: Etna Green Electric Light Dept; Fulton County Rural E M C; Indiana Michigan Power Co; Kosciusko			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	3,989		0
CO2 Equivalent of CH4 Reduction (tons/yr):	83,769		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	17,364	110	12,012 109
Fuel Oil:	14,252	92	9,859 58
Natural Gas:	9,583	0	6,629 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:		Dan Ransbottom	
Mailing Address:			
Phone Number:		219-839-0300	
Fax Number:			

* Italicized indicates values estimated by EPA.



Rumpke (Uniontown)		Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:		Annual Acceptance Rate (tons):	8,287
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:	Uniontown County LF	Design Capacity (tons):	
City:	Crothersville	Acres Currently Landfilled (acres):	
County:	Jackson	Average Depth (feet):	
State:	IN	Waste-in-Place (tons):	1,639,263
Year Open:	1975	1998 Waste-in-Place (tons):	1,639,263
Year Closed:	1993		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		0.84	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Potential		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	3		26
Current Capacity:			
Planned Capacity:			
Utilities in County: Bartholomew County Rural E M C; Jackson County Rural E M C; PSI Energy Inc; South Central Indi			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	4,841		0
CO2 Equivalent of CH4 Reduction (tons/yr):	101,657		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	20,521	130	14,577 133
Fuel Oil:	16,843	108	11,964 70
Natural Gas:	11,325	0	8,045 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	Thomas Rumpke	William Rumpke, President	
Mailing Address:		10795 Hughes Road	
Phone Number:			
Fax Number:			

* *Italicized indicates values estimated by EPA.*



Rumpke-Medora LF		Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	Rumpke Waste Inc.	Annual Acceptance Rate (tons):	133,318
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1996
Alternative Landfill Name:		Design Capacity (tons):	
City:		Acres Currently Landfilled (acres):	
County:	Jackson	Average Depth (feet):	
State:	IN	Waste-in-Place (tons):	2,932,996
Year Open:	1975	1998 Waste-in-Place (tons):	4,322,496
Year Closed:	2009		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		1.52	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Potential		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	5		48
Current Capacity:			
Planned Capacity:			
Utilities in County: Bartholomew County Rural E M C; Jackson County Rural E M C; PSI Energy Inc; South Central Indi			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	8,809		0
CO2 Equivalent of CH4 Reduction (tons/yr):	184,983		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	37,885	240	26,526 241
Fuel Oil:	31,095	200	21,772 127
Natural Gas:	20,908	0	14,640 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	Thomas Rumpke	Bruce Wilcox	
Mailing Address:	10795 Hughes Road Route 1	10795 Hughes Road Route 1	
Phone Number:	513-851-0122	513-851-0122	
Fax Number:			

* *Italicized indicates values estimated by EPA.*

Rumpke-Milan LF		Landfill Category: Candidate
A. GENERAL LANDFILL INFORMATION		
Landfill Owner:	Annual Acceptance Rate (tons): 69,931	
Landfill Owner Type: Private	Year Annual Acceptance Rate Reported: 1996	
Alternative Landfill Name:	Design Capacity (tons):	
City:	Acres Currently Landfilled (acres):	
County: Ripley	Average Depth (feet):	
State: IN	Waste-in-Place (tons): 1,538,482	
Year Open: 1975	1998 Waste-in-Place (tons): 11,361	
Year Closed: 1995		
B. LANDFILL GAS COLLECTION		
Estimated Methane Generation (mmscf/d):		0
LFG Collection System Status:		
Current LFG Collected (mmscf/d):		
Collection and Treatment System Required Under NSPS/EG:		No
C. LANDFILL GAS UTILIZATION		
Current Utilization:		
Utilization System Status:	Potential	
Utilization System Type:	Unknown	
Utilization System Start Year:		
Electric Utility Provider(s):		
Natural Gas Provider(s):		
Energy Purchaser(s):		
Capacity:	Electricity Generation Project (MW)	OR Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	0	0
Current Capacity:		
Planned Capacity:		
Utilities in County: Decatur County Rural E M C; PSI Energy Inc; Southeastern Indiana R E M C		
D. ENVIRONMENTAL BENEFITS OF UTILIZATION		
	<i>Potential</i>	<i>Current</i>
Methane Reduction (tons/yr):	23	0
CO2 Equivalent of CH4 Reduction (tons/yr):	487	0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i> CO2 (tons/yr) SO2 (tons/yr)	<i>Direct Use Project</i> CO2 (tons/yr) SO2 (tons/yr)
Coal:	0 0	70 1
Fuel Oil:	0 0	57 0
Natural Gas:	0 0	39 0
E. CONTACT INFORMATION		
Landfill Owner		Landfill Operator
Contact Name:	Thomas Rumpke	Paul Johnson
Mailing Address:		
Phone Number:		812-654-2015
Fax Number:		

* *Italicized indicates values estimated by EPA.*

December 5, 1998

State: IN

Page:

28



South Side LF		Landfill Category:	Current
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:		Annual Acceptance Rate (tons):	407,410
Landfill Owner Type:		Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:		Design Capacity (tons):	
City:	Indianapolis	Acres Currently Landfilled (acres):	
County:	Marion	Average Depth (feet):	
State:	IN	Waste-in-Place (tons):	8,963,020
Year Open:	1975	1998 Waste-in-Place (tons):	9,777,840
Year Closed:	2002		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):	2.92		
LFG Collection System Status:	Operational		
Current LFG Collected (mmscf/d):	0.3		
Collection and Treatment System Required Under NSPS/EG:	No		
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Operational		
Utilization System Type:	Medium Btu		
Utilization System Start Year:	1989		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	9		91
Current Capacity:			6
Planned Capacity:			
Utilities in County:	Daviess Martin County R E M C; Indianapolis Power & Light Co; Jackson County Rural E M C; Ora		
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	16,876		1,156
CO2 Equivalent of CH4 Reduction (tons/yr):	354,396		24,282
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	71,824	454	50,820 462
Fuel Oil:	58,950	379	41,711 243
Natural Gas:	39,639	0	28,047 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:	John Balkema	Scott Fitzgerald	
Mailing Address:			
Phone Number:		317-247-6808	
Fax Number:			

* *Italicized indicates values estimated by EPA.*



Spencer County		Landfill Category:	Candidate
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:		Annual Acceptance Rate (tons):	265,927
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	
Alternative Landfill Name:		Design Capacity (tons):	
City:	Huntingburg	Acres Currently Landfilled (acres):	
County:	Spencer	Average Depth (feet):	
State:	IN	Waste-in-Place (tons):	3,191,122
Year Open:	1983	1998 Waste-in-Place (tons):	3,191,122
Year Closed:	1994		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):	1.23		
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:	No		
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Unknown		
Utilization System Type:	Unknown		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	4		39
Current Capacity:			
Planned Capacity:			
Utilities in County:	Southern Indiana Gas & Elec Co; Southern Indiana R E C Inc		
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	7,136		0
CO2 Equivalent of CH4 Reduction (tons/yr):	149,848		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	30,782	195	21,488 196
Fuel Oil:	25,264	163	17,636 103
Natural Gas:	16,988	0	11,859 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:		Charles Brown	
Mailing Address:		P.O. Box 157	
Phone Number:			
Fax Number:			

* Italicized indicates values estimated by EPA.



A. GENERAL LANDFILL INFORMATION

Landfill Owner:	Continental Waste	Annual Acceptance Rate (tons):	
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1998
Alternative Landfill Name:		Design Capacity (tons):	
City:		Acres Currently Landfilled (acres):	
County:		Average Depth (feet):	
State:	IN	1998 Waste-in-Place (tons):	
Year Open:		1998 Waste-in-Place (tons):	
Year Closed:			

B. LANDFILL GAS COLLECTION

Estimated Methane Generation (mmscf/d):

LFG Collection System Status:

Current LFG Collected (mmscf/d):

Collection and Treatment System Required Under NSPS/EG: No

C. LANDFILL GAS UTILIZATION

Current Utilization:

Utilization System Status: Potential

Utilization System Type: Unknown

Utilization System Start Year:

Electric Utility Provider(s):

Natural Gas Provider(s):

Energy Purchaser(s):

Capacity: Electricity Generation Project (MW) OR Direct Use Project (mmBtu/hr)

Estimated Potential Capacity:

Current Capacity:

Planned Capacity:

Utilities in County:

D. ENVIRONMENTAL BENEFITS OF UTILIZATION

	<i>Potential</i>	<i>Current</i>
<i>Methane Reduction (tons/yr):</i>		
<i>CO2 Equivalent of CH4 Reduction (tons/yr):</i>		
<i>Emissions Avoided by Fossil Fuel Displacement:</i>	<i>Electricity Generation Project</i>	<i>Direct Use Project</i>
	<i>CO2 (tons/yr) SO2 (tons/yr)</i>	<i>CO2 (tons/yr) SO2 (tons/yr)</i>
<i>Coal:</i>		
<i>Fuel Oil:</i>		
<i>Natural Gas:</i>		

E. CONTACT INFORMATION

	Landfill Owner	Landfill Operator
Contact Name:		
Mailing Address:		
Phone Number:		
Fax Number:		

* *Italicized indicates values estimated by EPA.*

December 5, 1998

State: IN

Page:

31



Twin Bridges RDF		Landfill Category:	Current
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	Annual Acceptance Rate (tons):		1,001,570
Landfill Owner Type:	Year Annual Acceptance Rate Reported:		1993
Alternative Landfill Name:	Danville LF; Danville RDF	Design Capacity (tons):	
City:	Danville	Acres Currently Landfilled (acres):	120
County:	Hendricks	Average Depth (feet):	87
State:	IN	1994 Waste-in-Place (tons):	5,336,140
Year Open:	1976	1998 Waste-in-Place (tons):	9,342,420
Year Closed:	2000		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):	2.81		
LFG Collection System Status:	Operational		
Current LFG Collected (mmscf/d):	1.0		
Collection and Treatment System Required Under NSPS/EG:	No		
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Operational		
Utilization System Type:	Reciprocating Engine		
Utilization System Start Year:	1994		
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	9		88
Current Capacity:	3.2		21
Planned Capacity:			
Utilities in County:	Boone County Rural E M C; Coatesville Munic Light & Power Dept; Hendricks County Rural E M C		
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	16,232		3,854
CO2 Equivalent of CH4 Reduction (tons/yr):	340,874		80,942
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	69,456	439	48,881 445
Fuel Oil:	57,007	367	40,119 234
Natural Gas:	38,332	0	26,977 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:		Larry Wright	
Mailing Address:			
Phone Number:		317-745-2878	
Fax Number:			

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December 5, 1998

State: IN

Page:

32



A. GENERAL LANDFILL INFORMATION

Landfill Owner:	Continental waste Industries Inc.	Annual Acceptance Rate (tons):	263,901
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1996
Alternative Landfill Name:		Design Capacity (tons):	
City:	Fort Wayne	Acres Currently Landfilled (acres):	
County:	Allen	Average Depth (feet):	
State:	IN	Waste-in-Place (tons):	7,125,327
Year Open:	1970	1998 Waste-in-Place (tons):	8,508,397
Year Closed:	2005		

B. LANDFILL GAS COLLECTION

Estimated Methane Generation (mmscf/d):	2.59
LFG Collection System Status:	
Current LFG Collected (mmscf/d):	
Collection and Treatment System Required Under NSPS/EG:	No

C. LANDFILL GAS UTILIZATION

Current Utilization:			
Utilization System Status:		Potential	
Utilization System Type:		Unknown	
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
<i>Estimated Potential Capacity:</i>	8		81
Current Capacity:			
Planned Capacity:			

Utilities in County: Indiana Michigan Power Co; Noble County Rural E M C; Northeastern Rural E M C; Paulding-Putna

D. ENVIRONMENTAL BENEFITS OF UTILIZATION

	Potential	Current
Methane Reduction (tons/yr):	14,999	0
CO2 Equivalent of CH4 Reduction (tons/yr):	314,975	0
Emissions Avoided by Fossil Fuel Displacement:	Electricity Generation Project	Direct Use Project
	CO2 (tons/yr) SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	63,931 404	45,167 411
Fuel Oil:	52,472 338	37,071 216
Natural Gas:	35,283 0	24,927 0

E. CONTACT INFORMATION

Landfill Owner		Landfill Operator
Contact Name:	Steve Sneider	Steve Sneider
Mailing Address:	PO Box 9039 5000 Smith Road	PO Box 9039 5000 Smith Road
Phone Number:	219-432-5582	219-432-5582
Fax Number:		

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December 5, 1998

State: IN

Page:

33



Wabash Valley LF			Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION				
Landfill Owner:	Wabash Valley Landfill Co Ltd	Annual Acceptance Rate (tons):	204,035	
Landfill Owner Type:	Public	Year Annual Acceptance Rate Reported:	1996	
Alternative Landfill Name:		Design Capacity (tons):		
City:		Acres Currently Landfilled (acres):		
County:	Wabash	Average Depth (feet):		
State:	IN	Waste-in-Place (tons):	4,488,770	
Year Open:	1975	1998 Waste-in-Place (tons):	5,000,644	
Year Closed:	1996			
B. LANDFILL GAS COLLECTION				
Estimated Methane Generation (mmscf/d):		1.70		
LFG Collection System Status:				
Current LFG Collected (mmscf/d):				
Collection and Treatment System Required Under NSPS/EG:		No		
C. LANDFILL GAS UTILIZATION				
Current Utilization:				
Utilization System Status:	Potential			
Utilization System Type:	Unknown			
Utilization System Start Year:				
Electric Utility Provider(s):				
Natural Gas Provider(s):				
Energy Purchaser(s):				
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)	
Estimated Potential Capacity:	5		53	
Current Capacity:				
Planned Capacity:				
Utilities in County: Kosciusko County Rural E M C; Miami Cass County Rural E M C; Northeastern Rural E M C; PSI E				
D. ENVIRONMENTAL BENEFITS OF UTILIZATION				
	<i>Potential</i>		<i>Current</i>	
Methane Reduction (tons/yr):	9,812		0	
CO2 Equivalent of CH4 Reduction (tons/yr):	206,042		0	
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	41,832	264	29,546	269
Fuel Oil:	34,334	221	24,250	141
Natural Gas:	23,086	0	16,306	0
E. CONTACT INFORMATION				
Landfill Owner		Landfill Operator		
Contact Name:	John Hoffman	John Hoffman		
Mailing Address:		1152 Manchester Ave		
Phone Number:		219-563-2539		
Fax Number:				

* *Italicized indicates values estimated by EPA.*



Wheeler RDF		Landfill Category:	Current
A. GENERAL LANDFILL INFORMATION			
Landfill Owner:	Indiana Waste Systems	Annual Acceptance Rate (tons):	12,711
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1993
Alternative Landfill Name:	Wheeler LF	Design Capacity (tons):	
City:	Wheeler	Acres Currently Landfilled (acres):	
County:	Porter	Average Depth (feet):	
State:	IN	Waste-in-Place (tons):	6,692,406
Year Open:	1976	1998 Waste-in-Place (tons):	6,692,405
Year Closed:	1993		
B. LANDFILL GAS COLLECTION			
Estimated Methane Generation (mmscf/d):		2.13	
LFG Collection System Status:			
Current LFG Collected (mmscf/d):			
Collection and Treatment System Required Under NSPS/EG:		No	
C. LANDFILL GAS UTILIZATION			
Current Utilization:			
Utilization System Status:	Operational		
Utilization System Type:	Reciprocating Engine		
Utilization System Start Year:			
Electric Utility Provider(s):			
Natural Gas Provider(s):			
Energy Purchaser(s):			
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)
Estimated Potential Capacity:	7		67
Current Capacity:			
Planned Capacity:			
Utilities in County: Jasper County Rural E M C; Kankakee Valley Rural E M C; Northern Indiana Pub Serv Co			
D. ENVIRONMENTAL BENEFITS OF UTILIZATION			
	<i>Potential</i>		<i>Current</i>
Methane Reduction (tons/yr):	12,313		0
CO2 Equivalent of CH4 Reduction (tons/yr):	258,579		0
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr) SO2 (tons/yr)
Coal:	52,882	334	37,080 337
Fuel Oil:	43,403	279	30,434 177
Natural Gas:	29,185	0	20,464 0
E. CONTACT INFORMATION			
Landfill Owner		Landfill Operator	
Contact Name:		Bruce Sindewald	
Mailing Address:		4655 West 137th Street	
Phone Number:			
Fax Number:			

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December 5, 1998

State: IN

Page:

35



Worthington LF			Landfill Category: Candidate	
A. GENERAL LANDFILL INFORMATION				
Landfill Owner:	Rumpke Waste Inc	Annual Acceptance Rate (tons):	125,127	
Landfill Owner Type:	Private	Year Annual Acceptance Rate Reported:	1996	
Alternative Landfill Name:		Design Capacity (tons):		
City:		Acres Currently Landfilled (acres):		
County:	Greene	Average Depth (feet):		
State:	IN	Waste-in-Place (tons):	1,876,905	
Year Open:	1982	1998 Waste-in-Place (tons):	2,284,171	
Year Closed:	2003			
B. LANDFILL GAS COLLECTION				
Estimated Methane Generation (mmscf/d):		1.00		
LFG Collection System Status:				
Current LFG Collected (mmscf/d):				
Collection and Treatment System Required Under NSPS/EG:		No		
C. LANDFILL GAS UTILIZATION				
Current Utilization:				
Utilization System Status:	Potential			
Utilization System Type:	Unknown			
Utilization System Start Year:				
Electric Utility Provider(s):				
Natural Gas Provider(s):				
Energy Purchaser(s):				
Capacity:	Electricity Generation Project (MW)	OR	Direct Use Project (mmBtu/hr)	
Estimated Potential Capacity:	3		31	
Current Capacity:				
Planned Capacity:				
Utilities in County: Knox County Rural E M C; Linton Muni Light Dept; PSI Energy Inc; Sullivan County Rural E M C; U				
D. ENVIRONMENTAL BENEFITS OF UTILIZATION				
	<i>Potential</i>		<i>Current</i>	
Methane Reduction (tons/yr):	5,794		0	
CO2 Equivalent of CH4 Reduction (tons/yr):	121,682		0	
Emissions Avoided by Fossil Fuel Displacement:	<i>Electricity Generation Project</i>		<i>Direct Use Project</i>	
	CO2 (tons/yr)	SO2 (tons/yr)	CO2 (tons/yr)	SO2 (tons/yr)
Coal:	24,468	155	17,449	159
Fuel Oil:	20,082	129	14,322	84
Natural Gas:	13,503	0	9,630	0
E. CONTACT INFORMATION				
Landfill Owner		Landfill Operator		
Contact Name:	Thomas Rumpke	Randy Denton		
Mailing Address:		PO Box 27		
Phone Number:		812-875-2545		
Fax Number:				

* *Italicized indicates values estimated by EPA.*

